٠ - تينار	· '	•		
10 =	Please type	a plus sign (	+) inside this box →	+
/XX.	אש ומחר			
nc11	1 [			

Sheet

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

	. ,	
Application Number	10/801,994	
Filing Date	March 16, 2004	
First Named Inventor	Joung	
Group Art Unit	1639	
Examiner Name	M. Shibuya	
Attorney Docket Number	8325-1005.01	

Complete if Known

	U.S. PATENT DOCUMENTS				
		U.S. Patent	Document		Date of Publication of Cited
Examiner Initials*	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Document MM-DD-YYYY

	FOREIGN PATENT DOCUMENTS							
Examiner Cite			Foreign Patent Doc	ument	N	Date of Publication		
mittais	Office <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited of Cited Document MM-DD-YYYY		T <sup>6</sup>			
/M.S./	Bl	wo	99/14319	A1	Fox Chase Cancer Center	03-25-1999		
	B2	wo	99/28744	Al	Max-Planck-Gessellschaft Zur Forderung Der Wissenschaften E.V.	06-10-1999		
	В3	wo	99/28745	Al	Max-Planck-Gessellschaft Zur Forderung Der Wissenschaften E.V.	06-10-1999		
\/	B4	wo	99/31509	Al	Max-Planck-Gessellschaft Zur Forderung Der Wissenschaften E.V.	06-24-1999		
<u> </u>	B5	wo	01/60970	A2	Toolgen, Inc.	08-23-2001		

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Initials* No. magazine, journal, serial, symposium, catalog, etc.), da		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
<u> </u>			
			╁╴

Examiner	/NAl- Ol-il/	Date	01/00/2009	
Signature	/Mark Shibuya/	Considered	01/09/2006	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number.

Applicant is to place a check mark here if English language Translation attached.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number.

<sup>&</sup>lt;sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>&</sup>lt;sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>&</sup>lt;sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

e a plus sign (+) inside this box 👈

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

	Complete if Known
Application Number	10/801,994
Filing Date	March 16, 2004
First Named Inventor	Joung
Group Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	8325-1005.01

		- <del>-</del>	U.S. PA	TENT DOCUMENTS	
Examiner Initials*		U.S. Patent I	Document	·	Date of Publication of Cited
	Cite No.	Number	Kind Code! (if known)	Name of Patentee or Applicant of Cited Document	Document MM-DD-YYYY
MS	Ál	5,580,736	. [	Brent et al.	12-3-1996
\1/	A2	5,925,523	-	Dove et al.	7-20-1999
$\overline{}$	A3	2002/0061512	Al	Kim et al.	5- 23-2002
		1			

				FOREIGN	PATENT DOCUMENTS		
Examiner Initials*	Cite	Total Patent Document				Date of Publication	
	No.'	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	T۴
MS	BI	wo	96/32503 -	A1.	The General Hospital Corporation	10-17-1996	
$\sqrt{I}$	B2	wo	98/07845	Al	President And Fellows of Harvard College	02-26-1998	
	B3	wo	98/25947	Al	Bristol-Myers Squibb Company	06-18-1998	
	B4	wo	99/14319	Al	Fox Chase Cancer Center	03-25-1999	
-	B5	wo	09/28744	Al	Max-Planck-Gessellschaft Zur Forderung Der Wissenschaften E.V.	06-10-1999	
_	B6	wo	99/28745	AT	Max-Planck Gestellschaft Zur Forderung Der Wissenschaften F.V	06-10-1999	
	B7	wo	99/31509	Al	Max-Planck-Gessellschaft Zur rorderung Der Wissenschaften E.V.	06-24-1999	
	B8	wo	01/60970	A2	Toolgen, Inc.	08-23-2001	

	the state of the s		
Examiner Signature	/Mark Shibuya/	Date Considered	01/05/2007

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Unique citation designation number.

<sup>&</sup>lt;sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>&</sup>lt;sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>&</sup>lt;sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Sub	stitute for form 14	49 A/PT(	o` .		Complete if Known	
				Application Number	10/801,994	_
IN	FORMATIC	ON DI	SCLOSURE	Filing Date	March 16, 2004	
SI	TATEMENT	BY A	PPLICANT	First Named Inventor	Joung	
				Group Art Unit	1645	
	(use as many s	heets as	necessary)	Examiner Name	Unassigned	
Sheet	2	of	2	Attorney Docket Number	8325-1005.01	

Examiner	Cite	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book,	T
examiner Initials*	No.	magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<u>.</u>
MS C1		Allen et al., "Finding Prospective Partners in the Library: The Two-Hybrid System and Phage Display Find a Match," Trends Biol. Sci 20:511-516 (1995)	·
	C2	Brent et al., "A Eukaryotic Transcriptional Activator Bearing the DNA Specificity of a Prokaryotic Repressor," Cell 43:729-736 (1985)	
	C3	Chien et al., "The Two-Hybrid System: A Method to Identify and Clone Genes for Proteins that Interact with a Protein of Interest," PNAS 88:9578-9582((1991))	•
	C4 -	Durfee et al., "The Retinoblastoma Protein Associates With the Protein Phosphatase Type 1 Catalytic Subunit," Genes & Development 7:555-569 (1993)	
	C5	Grossel et al., "A Yeast Two-Hybrid System for Discerning Differential Interactions Using Multiple Baits," Nature Biotechnology 17:1232-1233 (1999)	
	C6.	Gyuris et al., "Cdi1, a Human G1 and S Phase Protein Phosphatase That Associates with Cdk2," Cell 75:791-803 (1993)	
	C7	Huang et al., "A Permutational Approach Toward Protein-DNA Recognition," PNAS 91:3969-3973 (1994)	
	C8	Joung et al., "A Bacterial Two-Hybrid Selection System for Studying Protein-DNA and Protein-Protein Interactions,"  Proc. Natl. Acad. Sci. U.S.A. 97:7382-7387 (2000)	
	C9	Joung et al., "Identifying and Modifying Protein-DNA and Protein-Protein Interactions Using a Bacterial Two-Hybrid Sciention System," J. Cell. Biochem. Suppl. 37: pp.53-57 (2001))	
	C10	Keegan et al., "Separation of DNA Binding from the Transcription-Activating Function of Eukaryotic Regulatory Protein," Science 231:699-704 (1986)	
	CII	Ma et al., "Converting a Eukaryotic Transcriptional Inhibitor into an Activator," Cell 55:443-446 (1988).	·
	C12	Phizicky et al., "Protein-Protein Interactions: Methods for Detection and Analysis," Microbiol. Rev. 59:94-123 (1995)	
	C13	Rebar et al., "Phage Display Methods for Selecting Zinc Finger Proteins with Novel DNA-Binding Specificities,"  Methods Enzymol. 267:129-149 (1595)	
	C14	Sera and Schultz, "In Vivo Selection of Basic Region-Leucine Zipper Proteins with Altered DNA-Binding Specificities,"  PNAS 93:2920-2925 (1996)	
	C15	Serebriiskii et al., "A Two-Hybrid Dual Bait System to Discriminate Specificity of Protein Interactions," J. Biol Chem. 274:17,080-17,087 (1999)	
	C16	Smith et al., "Phage Display," Chem. Rev. 97:391-410 (1997)	
	C17	Uetz et al., "A Comprehensive Analysis of Protein-Protein Interactions in Saccharomyces Cerevisiae," Nature 403:623-627 (2000)	
	C18	Vojtek et al., "Mammalian Ras Interacts Directly With the Serine/Threonine Kinase Raf," Cell 74:205-214 (1993)	
V	CI9	Walhout et al., "Protein Interaction Mapping in C. elegans Using Proteins Involved in Vulval Development," Science 287:116-122(2000)	

Examiner	/Mark Shibuya/	Date	01/05/2007
Signature	/ Mark Darbaja/	Considered	42/40/200.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number.
<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.